

JONES HALL

TECHNICAL INFORMATION

Plan and Section drawings in AutoCAD available upon request.



UPDATED
June 2006

SEATING CAPACITY

2,911 (Including Pit Seats)

STAGE INFORMATION

Stage floor is maple, stained a lighter shade of teak than the walls of the audience chamber. Fastener holes must be predrilled and plugged.

Proscenium Width	61' to 48' Grand Curtain Opens to 45'
Proscenium Height	31' to 18'
Plaster Line to back wall	50'
Apron	3'
Orchestra Pit	50' x 18' x 11' end Hydraulic, adjustable to 18' below stage level
Stage Floor to Grid	80'
Counterweight System	67 linesets, double purchase <i>NOTE: Most system pipes are 2-3/8' in diameter</i>
Electric Service Road Switch	3 Ea 400 Amp 3 phase 4-wire stage right with ground
Sound Power Road Switch	200 Amp 3 phase 4-wire, stage left dedicated ground
Spotlights	4 Ea, Strong Xenon Super Trooper, 2K

DRESSING ROOMS

13 Dressing Rooms available, accommodations for about 100. All equipped with lighted table mirrors, utility outlets and one full length lighted mirror, plus built in hanging racks. Phone outlets are installed in all dressing rooms.

Stage Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
401	1	✓	✓	
402	1	✓		
403	1	✓		
404	1	✓		Sofa

Wardrobe Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
601	2	✓ shared w/ 603		
602	2	✓ shared w/ 604		
603	2	✓ shared w/ 601		
604	2	✓ shared w/ 602		
605	20	✓		

Chorus Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
701	20	✓		
702	20	✓		
703	20	✓		

Traps Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
	20	✓		

WARDROBE ROOM

Located on Wardrobe level, accessible via elevator and stairs. Washer & dryer hookups and utility outlets.

MUSICIANS' LOUNGE

Musicians level (traps). Bathroom and shower, sofas, tables and lockers. Generally, one for men and the other for women.

REHEARSAL ROOM

50' x 70', sound-proofed with one mirror wall and ballet barre.

LOADING DOCK

- Door A: 14' high x 9'10" wide, 48" above ground.
- Door B: 8' high x 9' wide, 44" above ground. Dock Board available.
- Dock is on the sidewalk and very close to the street. Trucks blocking the sidewalk must move before the show begins. Loading or unloading semis is forbidden between 7am and 9am.

Backstage Freight Elevator

- 10' long x 7' wide x 7'6" high.
- Door is 5'6" side x 7' high. Capacity is 8000 pounds.
- Located stage left with access to all dressing rooms, traps and rehearsal room.

FLY SYSTEM

Fly system is double purchase counterweight. The fly floor is 32 feet above the stage left deck and accessible from the wardrobe level. The grid and loading bridge are accessible from the fly floor level via a circular stairway. A middle loading bridge is accessible from a ladder on the fly floor.

NOTE: Most system pipes are 2-3/8' in diameter.

Grand Curtain

Operates as a guillotine from stage left deck or fly floor, or as a traveler from stage right.

System

- Double purchase counterweight.
- Pipes are 70' long, travel is 77'.
- 67 linesets at 8" centers with 5 lift lines per set.
- Arbor capacity is 900 lbs. iron or 1100 lbs. lead.
- Weight available is 25,900 lbs above pipe weight.
- Loft blocks are movable.
- 14 spot wheels available.

NOTE: Most system pipes are 2-3/8' in diameter.

ORCHESTRA SHELL

- Ceiling pieces are permanent. In storage position, they are at the following distance from the plaster line:
 - #1, 9'8" to 11'
 - #2, 23'8" to 25'
 - #3, 34'8" to 35'4"
- The following linesets are blocked by the ceiling pieces in storage: 10,11,12,30,31,32,45,46
See line schedule for more information.
- Shell towers are on casters and generally store upstage against the back wall.

HOUSE DRAPES

- Gypsy Red velour Grand Curtain
- 5 sets of black legs, sewn flat
- 5 black borders, sewn flat
- 2 black backdrops
- 1 black scrim
- 1 white scrim
- 1 natural bounce/cyc

RISERS

- 16 Ea. 4' x 8' platform tops
- 16 sets of legs in 8", 16", 24", and 32" heights
- 2 adjustable step units with optional hand rails
- Skirting available

ELECTRICAL

Road Switch

- Switch A, 3 phase, 400 amp 4 wire + ground for portable dimmers.
- Switch B, 3 phase, 400 amp 4 wire + ground, extra.
- Switch C, 3 phase, 400 amp 4 wire + ground, extra.
- Switch D, 3 phase, 200 amp 4 wire + dedicated ground for sound.
- Switch E, 3 Phase, 200 amp 4 wire + ground, extra.
- Switches D + E are stage left.

- Switches A, B, and C are stage right.
- Light Booth power is 2 disconnects, 3 phase, 50 amp 4 wire.

Front of House

- All FOH circuits transfer.
- Cove 60' from proscenium, 80' wide with 24 circuits.
- Box Boom 1 house left 40' from proscenium with 12 circuits.
- Box Boom 2 house right 40' from proscenium with 12 circuits.
- SR Side Rail 50' from proscenium with 8 circuits.
- SL Side Rail 50' from proscenium with 8 circuits.
- Transfer circuits are 20A stage pin located on SR side wall next to road switch.
- Transfer switches and circuit breakers are nearby.

FRONT OF HOUSE EQUIPMENT

- Front of House fixtures are removable.
- The cove lighting is grouped due to the pod configuration of the acoustically adjustable ceiling.
- Cove is equipped with 24 Source Four 10° fixtures.
- 5° lens tubes are available.
- Box Boom left and right are equipped with 20 each Source four 19° fixtures, on twofers.
- Portable balcony rail can be mounted on face of mezzanine and temporary circuits run with multi-cable.

Follow Spots

4 Xenon 2,000 watt Super Troopers. Two in the sound and lighting control booth locations, 160' from proscenium. Movable. Two in cove pods, not removable.

Light Fixtures

- 25 Source Four with either 5° or 10° lens. 24 mounted in Cove.
- 140 Source Four 19°, 40 mounted in box booms.
- 84 Source Four 36°
- 112 Source Four 26°
- 30 Source Four 50°
- 135 Source Four Par with Lens Kit.
- 18 Altman R-40 3 Ckt strip lights, 150W
- 12 MoleFar Cyc-strips, 3Ckt, 1000W
- 36 Strand Orion Ground Row 1000W
- 26 8" Fresnel
- 30 Source IV Iris Unit
- 60 6 ¼" X 6 ¼" Donut

Cable and Multi Cable

- Stage Pin multi cable
- Veam 6 circuit

10	25'
2	50'
3	75'
4	100'
2	125'

12 Breakout
21 Breakin

- Stage Pin jumpers

10' 75
15' 25
50' 60
75' 5

- Stage Pin Twofers 140

Dimmers, House Circuits and Control

- 300 Strand dimmers, 2.4K, dimmer per circuit
- 48 Strand dimmer portable rack
- Strand 520i in Booth with remote on stage
- Strand MX backstage
- 22-6 circuit multi cables drop from the grid stage right for overhead circuits. 16-4 circuit floor pockets for deck circuits
- House hang is 3 electrics with 12 ETC Par fixtures
- These electrics are removable but are part of the house restore plo.

NOTE: Most system pipes are 2-3/8' in diameter.

SOUND EQUIPMENT

Main Source Equipment

- TAC Scorpion Console, 24 in, 8 out
- Midas Heritage II 48
- Panasonic CD Player
- Sony DAT Player

Cluster

- EAW MH 662
- EAW MH 690ie
- EAW MK 5194
- EAW BV 535
- EAW BV 150
- Turbosound TSE 218
- BSS SoundWeb
- DBX 160X
- Crown K1 & K2
- QSC 3500 & 3800

Balcony Speaker System

Turbosound TSE 111

Under Mezz System

- BSS SoundWeb
- Tannoy CMS 6 TDC

Stage Monitor System

- Yamaha M3000A-24
- DBX 160A
- Klark Teknik DN 360
- EAW SM200IH Monitor speakers 8
- QSC PLX 2402 Amplifiers

Microphones

• Shure	SM 57	15
• Shure	SM 58	25
• Shure	Beta 58	4
• Shure	U124D58 Wireless	4
• Sennheiser	MD 421	4
• Sennheiser	MD 441	4
• AKG	C 391	4
• AKG	C 414	2
• AKG	C 747	4
• EV	RE-20	2
• EV	ND 478	5
• CROWN	PZM 6D	4

Road Console Guest Mix Position

Located on Mezzanine crossover, no seat removal necessary. For rear orchestra position, seat removal is necessary. 250' mult run from either position to stage left. House system access is from mezzanine position or backstage.

Communications

Stage Manager's console stage right, has paging system for dressing rooms and musicians' lounge. In addition, show feed can be sent to the dressing rooms from this location.

Intercom

Lines run to light and sound booth, follow spot pods, stage left and fly floor.

- 8 Portable radios with speaker microphone
- Hearing impaired FM system

CONTACT INFORMATION

Administrative Office

713.227.3974
713.315.4830 Fax
713.236.5703 Judy Ayers, Event Coordinator

Director of Backstage Operations

Chip Purchase
713.236.8828
713.236.8178 Fax

Stage Manager

Mark Bumgardner
713. 236.5714

Stage Door/Security

713.238.2384

Physical Address

Jones Hall
615 Louisiana St
Houston, TX 77002

Mailing Address

City of Houston – Convention & Entertainment Facilities Dept.
Jones Hall
P.O. Box 61469
Houston, TX 77208

Food and Beverage

Aramark
713.315.4833

IATSE Stage Hands Local 51

713.697.3999

Southwestern Bell Telephone

800.499.7928

Greater Houston Convention and Visitors Bureau

713.437.5200

LINE SCHEDULE

8-21-00

LINE	DIS	HOUSE	NOTES
	0'-0"	Plaster Line	
HC	1'-6"	Grand Curtain	
Teaser	1'-11"	Hard Teaser	
Torm	2'-7"	Hard Legs	
1	3'-4"		
2	3'-8"		
3	4'-4"	#1 Electric	12 Source 4 PAR Wide
4	5'-8"		
5	6'-4"		
6	7'-0"		
7	7'-8"	#1 Black Border	
8	8'-4"	#1 Black Legs	
9	9'-0"		
10	9'-8"	#1 Shell Ceiling	Line Set Blocked
11	10'-4"	#1 Shell Ceiling	Line Set Blocked
12	11'-0"	#1 Shell Ceiling	Line Set Blocked
13	11'-8"		
14	12'-4"	#2 Electric	12 Source 4 PAR Wide
15	13'-0"		
16	13'-8"	#2 Black Border	
17	14'-4"	#2 Black Legs	
18	15'-7"		
19	17'-0"	#3 Electric	12 Source 4 PAR Wide
20	17'-8"		
21	18'-4"		

22	19'-0"		
23	19'-8"		
24	20'-4"	#3 Black Border	
25	21'-0"	#3 Black Legs	
26	21'-6"	Split Black	
27	22'-0"		
28	22'-4"		
29	23'-0"		
30	23'-8"	#2 Shell Ceiling	Blocked Line Set
31	24'-4"	#2 Shell Ceiling	Blocked Line Set
32	25'-0"	#2 Shell Ceiling	Blocked Line Set
33	25'-8"		
34	26'-4"		
35	27'-5"		
36	28'-8"	#4 Black Border	
37	29'-4"	#4 Black Legs	
38	30'-0"		
39	30'-8"		
40	31'-4"		
41	32'-0"		
42	32'-8"		
43	33'-4"		
44	34'-0"		
45	34'-8"	#3 Shell Ceiling	Blocked Line Set
46	35'-4"	#3 Shell Ceiling	Blocked Line Set
47	36'-0"		
48	36'-8"	#5 Black Border	
49	37'-4"	#5 Black Legs	
50	38'-0"		

51	39'-3"		
52	40'-4"		Bounce
53	41'-0"		Blackout
54	41'-8"		
55	42'-4"		
56	43'-0"		
57	43'-8"		
58	44'-4"		
59	45'-0"		
60	45'-8"		
61	46'-4"		
62	47'-0"		
63	47'-8"		
64	48'-4"		
65	49'-0"		
66	49'-8"		
67	50'-4"	Short Pipe	